

Abstract of the Disclosure

A gate-body cross-linked metal-oxide-semiconductor transistor circuit is provided for use in integrated circuits. The circuit has parallel metal-oxide-semiconductor transistors. The sources of the transistors serve as circuit inputs and the drains of the transistors are tied together to form an output. Complementary control signals are applied to the gates of the transistors, so that one transistor is turned on when the other transistor is turned off. Schottky diodes are used to cross-link the transistors. Each Schottky diode has an anode formed from a transistor body and a cathode connected to a gate.